

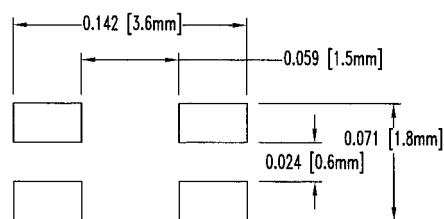
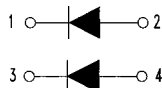
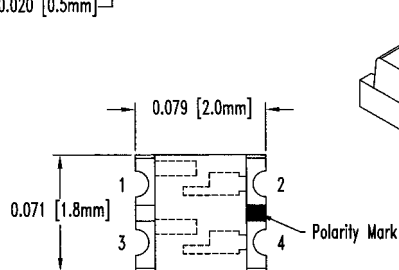
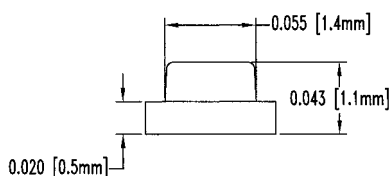


- ◆ Dual-Chip Package
- ◆ Ultra Compact Design
- ◆ Industry Standard Footprint
- ◆ Works With All BivarOpto Light Pipes
- ◆ 3,000 Per Reel, Smaller Quantities Available

SM0807 SERIES

Bi-Color Series

PART NO.	CHIP		LENS APPEARANCE	ABSOLUTE MAXIMUM RATINGS				ELECTRO-OPTICAL DATA @20mA			VIEWING ANGLE
	EMITTED COLOR	PEAK (nm)		$\Delta\lambda$ (nm)	pd (mW)	If(mA)	Peak If(mA)	Vf(V)		Iv Typ (mcd)	
								TYP	MAX		(deg)
SM0807BC-RP	RED	660	WHITE DIFFUSED	25	100	30	150	1.80	2.30	19	120
	GREEN	565	WHITE DIFFUSED	32	100	30	150	2.10	2.50	13	120
SM0807SBC	RED	640	WHITE DIFFUSED	23	100	30	150	1.90	2.40	52	120
	GREEN	575	WHITE DIFFUSED	18	100	30	150	2.10	2.60	37	120
SM0807BC-H/G	ORANGE	635	WHITE DIFFUSED	44	100	30	150	2.00	2.50	10	120
	GREEN	565	WHITE DIFFUSED	30	100	30	150	2.20	2.70	16	120
SM0807BC-A/G	AMBER	610	WHITE DIFFUSED	40	100	30	150	2.00	2.50	11	120
	GREEN	565	WHITE DIFFUSED	30	100	30	150	2.20	2.70	16	120
SM0807BC	RED	660	WHITE DIFFUSED	24	100	30	150	1.80	2.30	20	120
	GREEN	560	WHITE DIFFUSED	29	100	30	150	2.25	2.70	11	120



Recommended Soldering Pattern